Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 22 Apr 2023 until 23:59 on Sunday 23 Apr 2023

Forecast Issued on Saturday 22 Apr 2023 at 05:03

Confidence: High for overall trend towards changeable conditions, but lower confidence in rain and shower detail this weekend.

Headline for Saturday 22 Apr 2023: Cloudy with rain, locally heavy. Southern areas may become brighter with scattered heavy showers developing this afternoon. Rain easing this evening.

Mountain weather hazards on Saturday 22 Apr 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Light rain	Light rain	Cloudy	Cloudy
Precipitation probability					
90%	60%	80%	60%	40%	20%

Forecast for Saturday 22 Apr 2023

Weather: A narrow band of rain, locally heavy, will persist across much of the Yorkshire Dales, with extensive low cloud and poor visibility. Across southern areas the rain will gradually turn more showery this afternoon, with some of the showers likely to be heavy and possibly thundery at times. Showers die away this evening, while the residual and narrow rain band probably clears northwards from across northern areas. Perhaps some limited brighter spells developing late afternoon and early evening, especially across southern areas.

Chance of cloud-free hill tops above 600m: 20% throughout much of the day, increasing to 60% late in the day.

Low Cloud and visibility: Extensive low cloud, with bases down to 200-300m first thing, only lifting to 400-500m by the afternoon, especially in the east. Poor or very poor visibility in low cloud, rain or heavy showers during the morning and afternoon, becoming good or very good by late-afternoon and early evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 22 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/13 NE	7/9 E	10/13 SW	11/15 SW	9/12 SW	6/8 SW	4/6 S
300	5/11 NE	3/7 SE	9/14 SW	9/15 W	6/11 W	2/5 W	3/5 N
Valley	10/19 NE	3/8 E	6/10 SW	6/12 SW	5/10 SW	1/4 N	2/4 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	5/3	5/1	6/3	6/2	5/2	5/3
300	6/4	7/6	7/5	9/7	8/6	5/4	5/4
Valley	8/5	9/8	8/7	10/9	9/8	6/5	6/5
Freezing Level*	1500m	1400m	1300m	1200m	1100m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Heavy rain or showers will lead to wet and slippery conditions under foot at times, therefore, suitable footwear is advised for walking or hiking. Low cloud and poor visibility may lead to navigational difficulties.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 22 Apr 2023	8.4mm	8.4mm	8.4mm

Forecast for Sunday 23 Apr 2023

Weather: Some uncertainty in the precipitation details for Sunday. However, it looks like being cloudy with showers or outbreaks of rain, these probably mostly light. Extensive low cloud and poor visibility on the summits at times, most likely overnight and during the evening. A noticeable wind chill will develop through the evening.

Maximum wind: Northerly 20mph, with occasional gusts 30-35mph.

Chance of cloud-free hill tops above 600m: 20% chance early and late, but improving to 60% during daylight hours.

Low Cloud and visibility: Extensive low cloud, with bases down to 300-400m at first, lifting to 400-600m during the day, before lowering again later in the day.

Temperature: **Valleys:** Plus 4 Celsius, becoming Plus 8 Celsius.
At 600m: Plus 4 to 6 Celsius, falling to Plus 1 Celsius late evening.
Freezing level: Above the summits.

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